**Use case elaboration**

**Kurtis Henry**

**SwDv 630**

**Use Case Form**

**Hotel Search**

|  |  |
| --- | --- |
| **Use Case ID** | HotelSearch V1.0 |
| **Use Case** | V 1 |
| **Actors** | Customer |
| **Description** | Procedure to search for a hotel in our system. |
| **Pre-conditions** | Customer needs to search for a hotel |
| **Flow of Events** (include conditional flows here as they occur) | 1. Customer enters Continent    1. If customer picks a valid continent, continue    2. If customer picks Antarctica or an unrecognized word, prompt will print “no properties found. Try again.” 2. System shows lists of hotels on continent. 3. User selects hotel 4. Enters dates 5. Number of guests 6. Bed preference 7. User proceeds to payments |
| **Post-conditions** | User will be sent to the payment screen to confirm payments and get email invoice |
| **Alternative Flows** | 1. System will not allow number of guests.    1. Notifies user that guests number is too high 2. System does not move to payment module    1. Page refreshes and search starts over |
| **Priority** | HIgh |

**Use Case Form**

**Join Hotel Club**

|  |  |
| --- | --- |
| **Use Case ID** | HotelClub V1.0 |
| **Use Case** | V 1 |
| **Actors** | Customer |
| **Description** | Procedure to subscribe to Hotel Club service. |
| **Pre-conditions** | Customer is not a member of the hotel club. |
| **Flow of Events** (include conditional flows here as they occur) | 1. Customer enters email address   * 1. If customer picks a valid email address, continue   2. If customer enters an invalid email, The system will say “Invalid email. Please try again.”  1. System asks for personal information 2. User clicks send 3. System give an account number |
| **Post-conditions** | System prints prompt telling them an email has been sent |
| **Alternative Flows** | 1. System will does not send member info    1. Notifies admin    2. Admin manually sends info. |
| **Priority** | Low |

**Use Case Form**

**Booking Reference**

|  |  |
| --- | --- |
| **Use Case ID** | BookingSearch V1.0 |
| **Use Case** | V 1 |
| **Actors** | Customer |
| **Description** | Retrieve booking reference for customer |
| **Pre-conditions** | Customer does not have booking reference number |
| **Flow of Events** (include conditional flows here as they occur) | 1. Customer enters Hotel Club    1. If customer inputs a hotel club number, continue    2. If customer inputs an invalid hotel club number, prompt print “There are no records fot that number” 2. User clicks send |
| **Post-conditions** | System prints reference number |
| **Alternative Flows** | 1. System does not find info    1. Prompt to call email the system admin    2. Admin manually sends info. |
| **Priority** | Medium |

**Use Case Form**

**Booking Reference**

|  |  |
| --- | --- |
| **Use Case ID** | CancelBooking V1.0 |
| **Use Case** | V 1 |
| **Actors** | Customer |
| **Description** | Cancel booking for a customer. |
| **Pre-conditions** | Customer wants to cancel their booking |
| **Flow of Events** (include conditional flows here as they occur) | 1.Customer enters booking reference   * 1. If customer inputs a booking reference number, continue   2. If customer inputs an invalid hotel club number, prompt print “There are no records found with that number  1. System retrieves list of reservations for the customer 2. The customer selects the reservation 3. User clicks cancel |
| **Post-conditions** | System prints reference number and prompt telling the customer that the reservation has been canceled |
| **Alternative Flows** | 1. System cannot find or cancel the reservation    1. Prompt to call email the system admin will be sent.    2. Admin manually sends cancelation info. |
| **Priority** | High |